

### **ABSTRACT OF THE DISCLOSURE**

A knowledge management system captures, stores, manages, and applies rules for modeling geometric objects and related non-geometric attributes, and includes integrated support for one or more third party product document management systems. The knowledge management system can store documents in the product document management system, such as templates for generated computer-aided design system components. An add-in program may be executed by the computer-aided design system for creating and managing template documents in the product document management system for use by the knowledge management system.